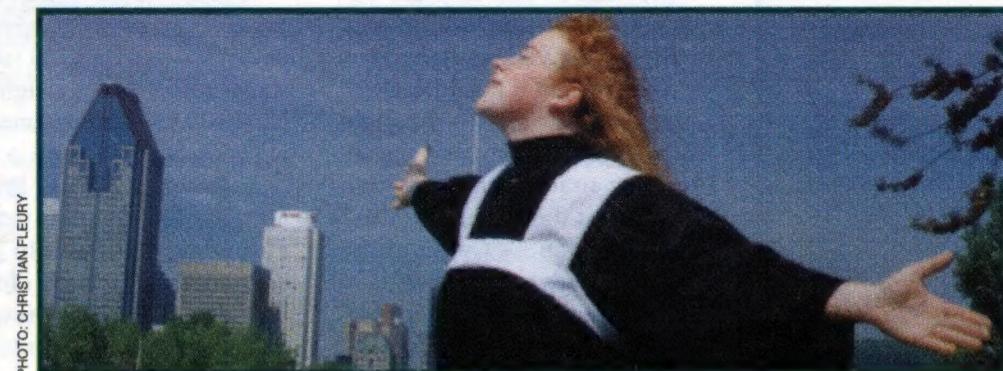


concordia's Thursday Report

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This year, it's Silver Medals in duplicate for top marks

For the first time anyone can remember, it's a tie. The Governor-General's Silver Medal, awarded at spring convocation for the top grade-point average, has been won by two students.

They are Véronique Campbell, a Biology student in the Science College, and Benoit Goudreault-Émond, who is in Computer Engineering. Both have GPAs of 4.26 — 4.3 is perfection.

As a result, Huguette Albert, Administrative Assistant to the Registrar, had to phone Rideau Hall, the Governor-General's residence in Ottawa, to request another medal. When she spoke to an official at the Chancellery of Honours, which handles

these matters, Albert said, "she seemed very surprised that there was a tie."

The Governor-General's Academic Medals were struck back in 1873, when the then viceroy, the Earl of Dufferin, felt there should be a way to recognize the scholastic achievements of Canadians from coast to coast.

Today, they are awarded to the student with the highest standing at his or her institution at four levels: Bronze for graduating secondary-school students, Bronze Collegiate at the post-secondary diploma level, Silver at the undergraduate level and Gold at the graduate level.

At Concordia, we award the

Silver Medal at spring convocation, and the Gold Medal at the single convocation ceremony held in the fall.

As it turned out, the medal has been redesigned this year, and a description supplied by the Chancellery gives the details:

"The obverse of the medal [in photo above, at left] depicts the likenesses of Her Excellency the Right Honourable Adrienne Clarkson and His Excellency John Ralston Saul. The curved lines in the background are calligraphic flourishes symbolizing Their Excellencies' involvement with the spoken and written word.

"The reverse of the medal [seen above, at right] honours life, inte-

grating air, fire, water, earth and plants and echoing the knowledge and wisdom passed on by elders to new generations. The design is inspired by the circle of life and the four sacred directions. . . .

"The central circle features the shield of Her Excellency's personal coat of arms. It is a blend of eastern and western symbolism: the Chinese-style phoenix represents Mme Clarkson's family's roots in the Yoisan and Hakka people in southern China and her birthplace, Hong Kong. This Chinese phoenix is linked with the western cultural symbolism of the bird rising from the flames, representing rebirth and recreation.

"The maple leaf in the flames dramatizes the new beginnings of Her Excellency's family as Canadians. Mme Clarkson's long career as a television journalist is represented by the lightning flash. The Royal Crown symbolizes her service as Governor-General and as the Sovereign's representative. . . .

Each of the Silver Medals will be presented at the recipients' own convocation ceremonies, Véronique Campbell's at one of the Arts and Science ceremonies, and Benoit Goudreault-Émond's at the Engineering and Computer Science ceremony.

For more on these students, see page 6. - Barbara Black

Medical researcher Cecilia Flores takes her PhD to Harvard

Cecilia Flores came to Concordia from the University of Mexico City partway through her undergraduate degree in 1990. Now she's doing postdoctoral work at the Harvard Medical School.

The Concordia connection was through a professor of pharmacology with whom she was doing volunteer laboratory work. He knew Professor Jane Stewart, and strongly recommended that she contact her. She was impressed with Concordia's psychology program, specifically the psychobiology one, and decided to finish her studies here.

"I immediately liked Concordia," she recalled. "It was very nice for me to find students from all over the world, of different ages, and from different backgrounds." She was plunged into life in English, which she had only studied at school in Mexico, but she soon felt at home.

"Dr. Stewart was especially helpful to me," she said. "She offered me the opportunity to work in her laboratory at the

Centre for Studies in Behavioural Neurobiology (CSBN)." As she took her courses, she was learning in the lab how to go about answering these questions experimentally, and attending Dr. Stewart's weekly laboratory meetings.

"As I look back, something that also influenced me significantly was taking a course in physiological psychology with Dr. Peter Shizgal. For me, one of the most fascinating endeavours is to try to understand how the brain works. Physiological psychology not only deals with the study of possible mechanisms underlying brain functioning, but also with the study of how specific brain functions are finally translated into behaviour."

After her BSc, she started work on her Master's in experimen-

tal psychology in Shizgal's laboratory, and was drawn to the field of brain plasticity.

"Both the developing and the adult brain have a continuous capacity to change," she explained.

"Exposure to certain stimuli at a particular time in life can leave long-lasting consequences that influence and determine future responses to different events. By virtue of the plasticity of the brain, we are different from each other, we can learn from experience, and we can become more or less vulnerable to diseases."

Her PhD work in Stewart's lab focused on a class of brain chemicals called neurotrophic factors. She studied the role played by one of these substances in the long-lasting changes in brain function that take place as a result of repeated exposure to drugs of abuse in adult rats.

"Neurotrophic factors are brain proteins that stimulate differentiation, growth and survival of neurons during brain development, and are now proving to play a crucial role in the brain plasticity that takes place in the adult animal. The exper-

iments I conducted for my PhD provided the first evidence that a neurotrophic factor, basic fibroblast growth factor (bFGF), is critically involved in the development of long-term changes induced by exposure to the stimulant drug amphetamine."

Flores has just started working at Harvard Medical School in the laboratory of Dr. Joseph Coyle, on a postdoctoral fellowship from the Schizophrenia Society of Canada/Medical Research Council.

Flores not only acquired several degrees at Concordia, she also met Andreas Arvanitogiannis, another researcher at the CSBN, who became her husband.

Last June, we had Arvanitogiannis on the front page of CTR when he won a prix d'excellence from l'Académie des Grands Montréalais, an initiative of the Montreal Board of Trade, for the best doctoral thesis defended in 1998. He is also doing postdoctoral work at the Harvard Medical School.

- Barbara Black

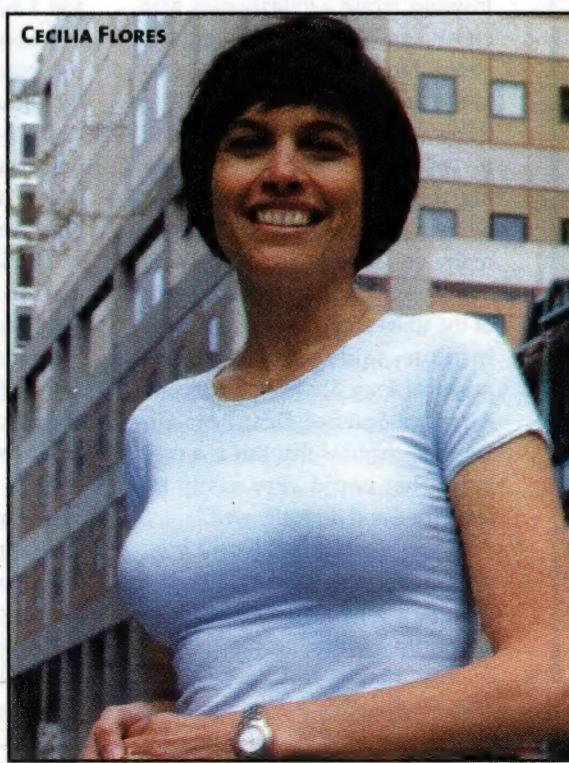


PHOTO: SHAUN PERRY

... More great grads on pages 6-9

Concordia faculty, staff and alumni/æ pop up in the media more often than you might think!

Congratulations to **Stephanie Russ** (Studio Arts), who won third place in the Great Canadian Printmaking Competition, financed by Ernst and Young. She had her entry, *Confluence Series 2*, a monotype screenprint with digital imagery and drawing, published as part of a big two-page centre spread in the *National Post* on May 23. Russ told an interviewer that what has always interested her is "movement in nature." The judges were impressed by the fact that although the piece is "technically superb," it's "not heavy or ponderous."

Brenda Rowe (Simone de Beauvoir Institute) was interviewed by alumna **Shelley Pomerance** on CBC Radio's *All in a Weekend*. Rowe talked feelingly about her roots in North Carolina, and her deep convictions about the importance of self-esteem and determination.

Christopher Jackson (Dean, Fine Arts) was interviewed by Catherine Gombay on *Art Talks* (CBC Radio One, 5 p.m. Saturdays) about some unusual music in the repertoire of his Studio de Musique Ancienne de Montréal — religious music written in Latin America as early as the 1600s.

Stanley Chase, a PhD candidate in Art Education, is the director of LOVE (Leave Out Violence), a successful photojournalism project for youth at risk. Coverage of a LOVE project at Kanehsatake will be broadcast on CBC Newsworld and *The National Magazine*. The program also features **Ellen Gabriel** (BFA 1990), who has been a regular speaker in Art Education and other departments.

A photo of CSU president **Rob Green** standing with a grin in a Concordia men's room has popped up in newspapers from coast to coast. It accompanied an article about the contentious Zoom display advertising that first appeared in *The Gazette* and was picked up by the Canadian Press news service. Last week it was reported that Vice-Rector Services **Michael Di Grappa**, receptive to complaints about the ubiquitous ads, has not renewed the university's contract with Zoom.

An interesting article in *Ici Montréal* about the high incidence of respiratory maladies and allergies in the world's richest countries quoted **Nabil Bissada** (Environmental Health and Safety) as saying that in developed countries, children spend much of their time indoors, where air circulation is often poor, particularly in the winter.

Harold Chorney (Political Science), responding to a *Mirror* reporter who asked about the viability of adopting the U.S. dollar in Canada, said, "Only two kinds of people support [it]. The first are Quebec sovereignists; they think that if you eliminate the Canadian dollar, you eliminate a barrier to sovereignty. The second are wealthy people who like to vacation in the United States, because a low dollar makes travelling more expensive. I don't think we should dismantle our monetary institutions for them."

David Howes (Sociology and Anthropology) was interviewed on local CBC Radio's *All in a Weekend* about the international conference on the senses he helped to organize this spring, and articles about the eclectic scholarly gathering were published across Canada.

Jean McGuire (Associate Dean, Commerce/Administration) gave *Gazette* business columnist Jay Bryan the lowdown on stock options recently. She said that options are often dispersed to top executives — on top of their often million-dollar salaries — in two tiers, one based on the company's performance, and the other a long-term incentive plan.

The research of historian **Greg Nielsen** (Centre for Broadcast Studies) focuses on what we laugh at, and why. His research on comedy in English-speaking Canada and Quebec was the focus of an article last week in *The Gazette*. He says that since the late 1980s, English Canada has refused to recognize Quebec's cultural claim for autonomy; *This Hour Has 22 Minutes* is especially successful at exploiting this fact. Francophone Quebecers have not reached a political consensus, however, and as a result, political satire is scarce.

Every spring, SIDIM (the Salon International de Design d'Intérieur de Montréal) holds a big show aimed at professionals, but they also have a competition for students. This year, Design Art student **Marcus Turchetta** won the SIDIM (Salon International de Design d'Intérieur de Montréal) Québec Éco-design award for his chaise longue. It is made of recycled rubber and aluminum with a natural fibre cushion.

Summer program will rally activists from around the world

BY ALISON RAMSEY

Community activists from around the world, professional and amateur, will gather at Concordia in mid-June for six days to share information and learn how to be more effective.

The program is titled Developing Civil Society Through Community Action, and marks the first time in its seven-year history that the Institute in Management and Community Development's summer program has gone international. Preparing for the event took two-and-a-half years.

"It got started by setting up an Internet network to better connect and learn about each other's projects," said coordinator Mireille Landry. "With globalization, it's important for communities to have a voice in decisions as well as help make local changes that are needed, which have an impact world-wide."

In 104 sessions throughout the week, more than 1,000 participants representing 450 organizations will foster community activism. Two styles predomi-

nate: sessions to develop concrete skills — the staple of previous years, or sessions that reflect on the practice of community organizing and development.

Members of the Third Avenue Resource Centre in Montreal will both attend sessions and take the stage to show how neighbourhood parents can have more say in their schools.

A Vancouver activist, Brian K. Murphy, will share his thoughts on building a vision to guide daily actions. "So many of us are busy on a day-to-day basis," said Landry, "but it's very, very important to develop your work and unfold a direction."

Newfoundlanders will demonstrate innovative ways that they have used all sorts of media, from radio programs to the Net, to connect people and promote discussion of common issues.

A joint presentation by youth groups in Santiago, Chile and Montreal, who have worked together for a few years, will present ways to work with teens and young adults to lessen their feelings of alienation.

Since traveling to Montreal can

be a burdensome expense for these grassroots groups, the Institute has arranged about 50 bursaries to help defray costs for the most needy. It has been able to do so thanks to support from the International Conference on Community Development, the Canadian Association for Community Education, and the International Association for Community Development, who are partners in this year's Summer Program.

In another new twist, two Applied Human Sciences courses have been designed around the week of activities. Students define their own project, based on their interests, attend sessions and talk to participants, then write a paper based on their work.

"They meet to share what they've been learning during the week," Landry said. "It's a very active way of learning and a wonderful opportunity to connect with people in their field."

To find out more about the Institute for Management and Community Development's Summer Program, taking place June 11-16, please call 848-3956.

Women's studies courses have some surprising payoffs

'There's something in there to apply to everyday life'

BY ALISON RAMSEY

Many students sign up for an introductory women's studies course because the elective fits their schedule, but are surprised to discover how gripping and relevant the course is.

Lillian Robinson, the new principal of the Simone de Beauvoir Institute, recalls a military man who chose her Women and Literature course for convenience. He was so impressed he made a point of telling fellow soldiers, "I've got to go read my women's literature now." Jeering, they would say, "You're taking women's literature?" "Yes," he'd reply, "and so should you."

Robinson's appointment is proof of the university's dedication to the Institute, said outgoing interim principal Fran Shaver. "[Faculty of Arts and Science Dean] Martin Singer recognizes that this is a program that could very easily be revitalized and do really well."

"It was completely different from what I expected," said Quincy Jaja Hunte, a business student who signed up for the Institute's introductory course last year on the advice of friends.

"I thought I'd be studying the

history of the women's movement," he said. "Instead, it was today's topics and issues, and seeing what goes on and where it stems from. It's good, because it put me in the opposite role. In society, I'm the dominant force. In class, I wasn't."

Suzanne Colet, a longtime nurse, said, "I think it's made me stronger, more confident as a person. I was able to draw conclusions about how I fit in the feminist movement better." She feels that the introductory course will make her a better nurse because she understands more fully why fellow female nurses have such a difficult time confronting conflict.

"Nurses are particularly prone to that. It comes up everywhere — with doctors, patients, administrators, social workers. Just dealing with men is very, very frustrating. Only in the past 10 or 15 years have women developed a stronger voice."

When Nadia Sciortino signed up for the course, she already had a history of fighting for female rights. The soccer-loving student was initially barred from boys' teams for fear of her getting hurt, but she convinced coaches otherwise. "I'd been playing for 12 years," she

said, scoffing at the idea of injury.

Later, as a soccer referee, she also came in for loads of abuse from mainly male parents. "I've heard and seen a lot of mean things."

She was most affected by videos shown in class: one where a poor single mother talked about her difficulties, another that discussed women's image in the media, such as music videos.

"It helps to open your eyes," Hunte said. "I'd recommend it to anyone who asks. They may not need it for their future job, but there will be something in there to apply to everyday life."

Robinson agreed. "People do believe that higher education is in the hands of a bunch of maniacs who question all values, do brainwashing and talk dirty," she said. "I say, it helps to get in there and make some sense of things."

Fran Shaver admitted that "it's difficult to have a lively, vital shop with one full-time faculty member." Robinson makes two, and more hirings are expected. "We hope to go back to the full component of up to five full-time faculty, plus an administrator supported by an active group of fellows and part-timers."

Author on sex bars to head Simone de Beauvoir Institute



LILLIAN ROBINSON

BY ALISON RAMSEY

This is Lillian Robinson's take on Thai sex bars: "I was in one of these bars, with a lei around my neck, feeling like a prize ox — and looking like a prize fool — and I realized that I had more sensuality in the tip of my little finger than any of those girls in their whole body, because I had the freedom to find out what the gestures they were making so awkwardly mean."

The new, tenured head of the Simone de Beauvoir Institute co-authored a book about this subject two years ago called *Night Market*. In a wide-ranging interview as she arrived to take up her post June 1, the feminist scholar moved smoothly from showing how the U.S. Secretary of Defence during the Vietnam War and the World Bank are responsible for rampant teen prostitution in Thailand, to a vivid description of a

typical bar.

"It's like the go-go bars of the '60s and '70s, with songs like Credence Clearwater Revival's *Run Through the Jungle* — a song about Vietnam, after all — strobe lights and dancers. In North America they'd have one or two dancers suspended in cages, out of reach, because the idea was to have sex liaisons between customers. In Thailand, there are hundreds of dancers, with their crotches at eye level and wearing numbers. Patrons can order a beer and No. 44.

"If a patron wants to spend time with the girl, he pays a 'fine' for taking away an entertainer — but there are so many. The message is all about abundance: as much as you want of anything you want.

"What makes men do this? It's not that the sex is that much better. It's that there's no possibility of refusal, yet they can maintain the illusion of a 'relationship.' They also convince themselves that they are contributing to the economy. While the only way to help the family is to work in the sex industry — because you can send money home — it's never enough to reach the point where that labour will not be necessary."

In one swoop there, you have a basis for further discussion about women and government, cultural mores, our "use" of Third World countries, the allure of excess, the importance of women's self-determination, and how worldwide consumerism and low-pay sweatshops enforce enduring poverty. Those issues will be part of Robinson's first course, in the winter term, on Women and Globalization.

Robinson interrupted a book she is now completing about two

persistent rape myths (that men of colour lust after white women, and that the woman's narrative is always a lie) to write *Night Market*. "Both these myths are living," she said. "They shape how we read headlines. Look at O.J. Simpson, where it was not rape, but murder. Look at the Central Park jogger."

Robinson's career as a feminist scholar has spanned 31 years and five academic works. She was editor of the four-volume reference work *Modern Women Writers*, done in 1996, and in 1997 wrote *In the Canon's Mouth: Dispatches from the Culture Wars*, which deals with multiculturalism, political correctness, and pokes fun at censorship.

Her résumé brims with variety: court translator, published poet and mystery writer, student at the Sorbonne, teacher at University of Hawaii, Radcliffe and, most recently, University of East Carolina. "I have had a very peripatetic life, not by choice," she said. "I wanted my next appointment to be my last."

A native New Yorker who has been studying French since she was 13, Robinson is happy to be settling into a cosmopolitan, bilingual city. While the city itself appeals to her, it is the nature of the Simone de Beauvoir Institute that excites her.

"There's such a range of courses," she said enthusiastically. "There's an extraordinary number of departments that have women's courses. There are courses like Science, Technology and Women's Lives, and Health Issues: Feminist Perspectives, which would not be offered by a medical or science school, as well as courses on the system done from a perspective outside the system. There's Women and Peace. What field would that go in? It wouldn't."

The opportunity to continue her research while guiding a well-regarded institute that tackles meaningful issues was a temptation Robinson simply could not resist.

And Alice Dreams . . .

A musical for the whole family

Saturday, June 17, at 7:30 p.m.
Sunday, June 18, at 2 p.m.

F.C. Smith Auditorium, Loyola Campus

Presented by the Centre for the Arts in Human Development

Tickets: \$10. Please call 848-8619 for information.

Les P'tits Profs Daycare

Piggy Bank Silent Auction

Friday, June 9
Loyola Faculty Club

More than 100 items, from toys to nights out on the town

6:30 p.m. Preview of auction items
7:30 p.m. Bidding
9 p.m. Karaoke
\$5 admission includes one drink

at a glance

This column welcomes the submissions of all Concordia faculty and staff to promote and encourage individual and group activities in teaching and research, and to encourage work-related achievements.

Ion Stiharu, treasurer of the ASME International (American Society of Mechanical Engineering), Quebec Section, was an organizer of the ASME Region I Administrative Conference, held over two days, May 5-6, at the Delta Hotel. As part of the conference, a short course on the finite element method was given to participants from industry by Stiharu and by Professor **Rama Bhat**, who, with several colleagues in the Mechanical Engineering Department, is a founder of the Quebec section of ASME.

Harold Entwistle (Professor Emeritus, Education) gave the keynote address, "Liberal Education and the Global Citizen," at an international conference in Jinan, China, in April. It was sponsored by the British Council and organized jointly by Shandong Teachers' University and University College Worcester. The theme of the conference was Local Education and the Global Citizen.

A number of Concordians participated in the 68th conference of Afcas, the learned societies of Quebec, held May 15 to 19 at the Université de Montréal. A session was held May 16 on new modes of graduate education, under the auspices of the Quebec Association of Deans of Graduate Studies, of which Dean **Claude Bédard** is the chair, and CNCS, the Quebec-wide association of graduate students.

Congratulations to **Tho Le-Ngoc** (Electrical and Computer Engineering), who was named a Fellow of the Engineering Institute of Canada. His certificate was presented at the EIC Annual Awards Banquet on March 6 at the National Arts Centre in Ottawa. Dr. Le-Ngoc's research interests are in broadband communications, with an emphasis on modulation, coding, and multiple-access techniques.

Congratulations to **Bala Ashtakala** (Building/Civil/Environmental Engineering), who was honoured at a ceremony in Washington, D.C., for his career achievements. The OPAL (Outstanding Projects and Leaders) Awards Ceremony was held April 29 by ASCE, the American Society of Civil Engineers. He was named a Fellow of ASCE in 1999.

Congratulations to **Zenon A. Zielinski** (Building/Civil/Environmental Engineering), who has been named a Fellow of the Canadian Society of Civil Engineers. This year, he celebrates his 50th anniversary of teaching, research and professional practice. As well as Sir George Williams and Concordia, he has been affiliated with the Universities of Warsaw, Illinois, California (Berkeley), Detroit, and North Carolina. Professionally, he has developed new structural systems using mainly precast, prestressed concrete, with projects implemented in Poland, the U.S., Libya, Tunisia, Egypt, Jordan, India, Nepal, Barbados, Grenada and Canada.

Steven Appelbaum (Management) recently spoke about "High-Performance Organization" to the annual planning meeting of the Groupe des produits forestiers/Forest Products Group of Tembec.

Congratulations to **Chantal Belliveau, Suet Fan Wong, Christopher Kader, Laurent Madore, Julie-Anne Arsenault and Bernard Cormier**. They are the members of a team, led by Marketing Professor **Harold Simpkins**, who won the Coq d'Or at the Relève Publicitaire, the 'Oscar' for French-language advertising. This is the second time in the past four years that Concordia has come out on top. The competition, organized by the Publicité-Club de Montréal, required teams to develop a marketing communications campaign for the Dairy Bureau of Canada to increase yogurt consumption among Canadians. The team enjoyed being centre stage at the recent gala at the Théâtre St. Denis, with 1,500 advertising people in attendance.

Clarence S. Bayne (DIA/DSA and Decision Sciences/MIS) chaired a session on Multiple Identities and Social Values: A Case for Rethinking Goals of Cultural Access and Cultural Equity at the Canadian Cultural Research Network (CCRN) Colloquium 2000, held in Edmonton, May 28 and 29, on the general theme of Diversity and Culture: Beyond the Rhetoric. Bayne, who is vice-president of the CCRN, also participated in their Circle/Round Table 2000, Making Connections: Culture and Social Cohesion in the New Millennium, held May 25-27.

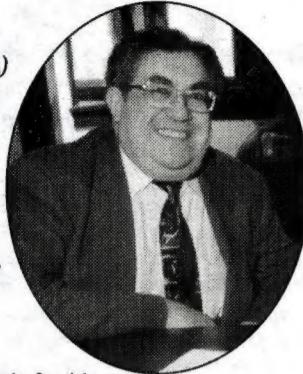
Graeme Decarie (History), who has a parallel career as a broadcaster, is the Eastern Canadian winner for best editorial of the year in a competition sponsored by the Radio and Television News Directors Association, a national organization. His outstanding editorial on CJAD was a biting criticism of his fellow journalists for overdoing coverage of such celebrity events as the plane crash death of John F. Kennedy, Jr. compared to the disasters that befall ordinary folks.

In Memoriam

Morton Stelcner
1943 - 2000

Morty Stelcner knew what counted

Economics Professor and Concordia University Faculty Association (CUFA) president Morton Stelcner died suddenly on May 23. He was born in Poland and grew up in Montreal, earning his undergraduate degree at McGill and his graduate degrees at Syracuse University. He had taught at Concordia since 1967. The following is a tribute by his dear friend, Professor Harvey Shulman.



Morty Stelcner has died. It is difficult for his friends to find suitable words to express the depth of our loss. What personal insight can I offer about a close friend of 41 years who, from our high school days, never talked about himself or his own achievements?

I suppose I can tell you about the continuing praise and encouragement that he visited on Celia and me. We spoke daily, about everything. We reminisced about "the street," the neighborhood, joyous and sad times; we laughed at our increasingly apocryphal reconstruction of our youth, of how I was ahead of him in an accounting course (two weeks later, I withdrew), and especially about Concordia, a place he loved.

A few years back, he considered a very attractive job offer, but the economist who tried to get me to be more understanding of "market conditions" would choose Concordia because of loyalty, friendships and sentimentality. Morty knew how to count; more important, he knew what counted.

The many people he helped as president of CUFA are well aware of Morty's dedication and skills as conciliator, problem-solver, adversary, and frequently, as a tenacious and fearless advocate. He managed CUFA accounts with zealous frugality, but when he believed that the collective agreement was being misappropriated, or CUFA's interests were not being adequately protected, he refused to drop a case because of the expense involved.

Morty was hard at work preparing for the upcoming CUFA-administration negotiations, and shaping our case to assure the proper recognition of our members, whom he strongly believed were over-worked and under-compensated. A day before his death, we talked about performance evaluation models, knowing full well that real teaching and research are about curiosity and ideas, not indicators, and service is what we do when we think beyond ourselves, not a committee assignment to add to a dossier.

Morty was, above all, a man of principle. His first principle was the protection of individuals against injustice. He avoided jurisdictional posturing, sloganizing and triumphalism.

Morty worried that the academic community did not appreciate the fact that the union is most successful when it is not being called on to battle arbitrary administrative authority, when due process and fairness are observed, and when faculty and librarians are able to devote energy to academic, not litigious, pursuits.

The frequently repeated bromide that everyone is replaceable is not true. Yes, Concordia will continue to exist, and we have accomplished people who will undoubtedly do whatever they must, but those of us who were Morty's familiars will experience a different and diminished Concordia without him.

This year, as part of the capital campaign, Dr. Stelcner, together with his sister and her husband, established the Stelcner Family Prize, an endowment to provide two awards for students in the Economics Co-op program. If you would like to contribute to the fund, please make out a cheque to "Concordia University/Stelcner Prize," and send it to David Brown, Director, Capital Gifts, Concordia University, Room BC-316. A commemorative service is planned for September.

The Concordia Memorial Golf Tournament

August 16, 2000 - Caughnawaga Golf Club

Rain or Shine

a date to remember...

Please join us for golf (whatever your level of play) fun, dinner and prizes!

Tee-off times will be on a first come, first-registered basis.

Reservations: \$65 for golf and dinner

\$32.50 for golf or dinner only

Options: Regular Game or Vegas

For more information, please call **Perry Calce**, 848-2579 or **Tony Patricio**, 848-4264.

Construction plans are on track

You won't see shovels in the ground at Loyola this summer, but that doesn't mean things aren't happening.

The architects of the winning design for the new science complex on the west-end campus, Marosi Troy/Jodoin Lamarre Pratte/Cardinal Hardy and Associates, are being asked to refine their design. The idea is to make it softer and more in keeping with the neo-Tudor style of the original buildings, without sacrificing any of its functional features.

The final drawings should be in the hands of the real estate committee of the Board of Governors by mid-July, after which they will be deposited with the City of Montreal for approval. A billboard will go up on the site at that point, starting the required 45-day public consultation period.

The master space plan for the whole university is likely to be approved by the City of Montreal

in the late autumn, and another design competition launched. The plan calls for two new buildings on the downtown campus: a commerce building at Guy St. and de Maisonneuve Blvd., and an engineering/fine arts complex on Ste. Catherine between Mackay and Guy Sts.

Given adequate financing and provincial and municipal approval, the first phase of all three projects could be started at the same time. However, while construction is going on, students must be taught and employees accommodated.

Planning and executing this ambitious construction project is like a game of dominoes. For example, the \$37 million promised by the Quebec government has been approved, but delivery of the money hinges on the university vacating its rented space. That can't be done until there is space to move into.

While all four Faculties are keen to see new and more appropriate facilities, the Faculty of Engineering and Computer Science is probably under the most pressure because of rapidly increasing enrolment in its high-tech programs and the research projects that have been approved and funded by the Canada Foundation for Innovation.

Langley Hall has been sold, and the Centennial Building is in the process of being sold. The sale of the two facilities on Sherbrooke St. W. near the Loyola Campus should realize roughly \$1 million. Langley Hall was a residence that was closed in 1995 because the maintenance and renovation that were needed would have been too costly. The Centennial Building was last used by the students' association, notably for the radio station, and has been vacant since fall 1998.

- Barbara Black

In brief

Appointment

Patricia Posius has been appointed Assistant Director, Auxiliary Services, effective June 26.

She had been Manager, Administrative Affairs, and Assistant to the Director, IITS (Instructional and Information Technology Services) prior to this appointment.

In her new post, she will provide administrative leadership to the following departments: Conference Services, Food Services, Mail Services, Printing Services, and Parking Services. She will report to Auxiliary Services Director Robert MacIver, whom we join in wishing Patricia success in her new duties.

Museum opens its doors

On Sunday, May 28, Concordia's Leonard and Bina Ellen Art Gallery was once again an enthusiastic participant in the annual Montreal Museums Day tours. These are well-organized circuits of the area's many museums and art galleries, with transportation provided by bus.

The Gallery saw hundreds of visitors throughout the day, and had good company, sharing their bus route with the McCord Museum, the Montreal Museum of Fine Arts and the Canadian Centre for Architecture.

The current show is especially accessible. Called *Vital Signs/Signes de Vie*, it is a lively exploration of the non-visual senses, which tend to get "overlooked."

The following day, the gallery was the setting for a reception for a group of journalists from Kosovo. Five senior

news executives took a three-day intensive graduate seminar in electronic media management at Concordia as part of a Canadian working visit.

Their trip was organized by a non-profit organization, Réseau Liberté. As part of the exchange, Concordia Journalism Chair Enn Raudsepp is in the Kosovo capital, Pristina, conducting workshops with reporters. CTR will catch up with him in the fall.

Agreement signed

Last Friday, a partnership agreement was signed between Concordia and three Moroccan universities, Hassan II, Ibn Toufail and Mohamed V, in the presence of the Moroccan ambassador, the consul-general, and the Moroccan secretary of state for social and family services.

The agreement will foster academic co-operation in women's studies, particularly in the areas of women and the law, entrepreneurship, media, and cultural studies and North African literature.

The signing coincides with a forum on women's interest and issues organized for May 30 to

June 2 by the Moroccan consulate in Montreal, in which Concordia was one of the participating institutions.

Concordia has also signed agreements with four universities and the Saudi Arabian government to permit Saudi students to enrol at Concordia. The agreements also provide for collaborative research by faculty.

Concordia's Thursday Report

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Concordia
UNIVERSITY

Marcel Danis presents his case for a vital university

Vice-Rector Marcel Danis has called for the deregulation of tuition fees in Quebec, and expressed admiration for a system of tuition repayment that seems to be working well in Australia and New Zealand.

The suggestions were part of a wide-ranging presentation Danis made on Monday morning as the only shortlisted candidate and thus the incumbent for a second term as Vice-Rector Institutional Relations and Secretary-General.

"Australia does not demand up-front payment," he explained. "Instead, students can defer their fees, with the government paying their contribution."

Students repay what is essentially an interest-free loan through the tax system. After they get a degree, and are employed with a taxable annual income over a specified amount, the government rewards up-front payments with a 25-per-cent discount."

Danis said that the hardest part is the start-up costs, but the Australian experience indicates an almost perfect repayment rate.

In his address, Danis emphasized the success with which Concordia has handled the past decade of budget cuts, early retirements and other challenges. The university's accumulated deficit is \$12 million, considerably lower than most other Quebec universities. The capital campaign has brought in pledges of \$100 million to date, and a building campaign will be launched immediately.

Danis said he is a strong supporter of "value-added skills," such as critical thinking, numeracy, communication and language skills and the use of information technology. He would like to be able to reward successful students — those with a full successful year behind them and a B average — with a laptop computer.

Concordia support staff have been reduced by 10 per cent by the recent cuts, yet they must serve

approximately 1,500 more students. A recent review of several sectors indicates that even with recent increases, staff earn, on average, 4 to 11 per cent less than their counterparts in the public and para-public sectors.

Danis also indicated a broad range of salaries among faculty, relative to their Quebec peers. The lowest 10 per cent of faculty earn \$8,000 less on average, while the top 10 per cent earn \$18,000 on average more. While the latter is a good move in a competitive environment, he said, the lowest-paid faculty should be paid more.

The number of collective bargaining units at the university have been reduced from 16 to 11, he said, and his goal is to get that number down to eight. A tentative agreement has been reached with CUSSU, the large support staff union, and he hopes to be able to add medical insurance coverage to the benefits enjoyed by CUPFA (part-time faculty) members. JEP, the Job Evaluation Program, will be redesigned in consultation with stakeholders.

Danis, who is a practicing lawyer and an active teacher in the Political Science Department, said he has enjoyed 32 years at Concordia, and considers it a privilege to teach here. "I see no reason that Concordia cannot be considered one of the leading universities in Canada," he said.

Danis was appointed Vice-Rector, Institutional Relations, in 1996, and named Secretary-General in 1998, when the two offices were merged. He is responsible for the University Advancement Division (Advancement, Alumni Relations), Communications (Public Relations, Marketing Communications, Translation, Information Services), Government Relations, Governance (Legal Counsel, Office of the Board and Senate, Archives) and Human Resources and Employee Relations.

— Barbara Black

In brief

Two ounces for safety

Une once de prévention: Santé et sécurité dans les arts visuels, a publication of Concordia's Faculty of Fine Arts, was launched at the Musée d'Art Contemporain on May 25.

The English-language version, *An Ounce of Prevention: Health and Safety in the Visual Arts*, was published in December 1998 to address a widespread need for reliable information on maintaining a safe studio — such issues as ventilation and air quality, electricity, lighting, fire hazards, temperature, noise, floors, plumbing and lighting.

Devora Neumark did much of the research for the book, and, with Douglas Scott and Paul Gregory, compiled and wrote it. The translator is Jean-Paul Champagne, whose daughter, Micheline Champagne-Tremblay, won a competition for Design Art students for the book cover.

The Quebec government's Commission de la santé et de la sécurité du travail (CSST) heartily endorsed the book. Copies may be bought for \$8.25 at the Concordia Bookstores and the art supplies shop in the VA Building, among other locations.

Rector's Circle dinner celebrates major donors



The Rector's Circle Dinner, an annual expression of gratitude on the part of the university toward its major donors, was held May 16 at the University Club of Montreal.

Members of the Rector's Circle include charter members, who gave \$10,000 or more to the Campaign for Concordia in 1983-88, and annual members, who have given \$2,000 or more annually to the recent Campaign for a New Millennium or to the university.

Membership has grown steadily. This year, in addition to the 53 individuals and couples who are charter members, there are 185 annual members, bringing total membership to over 200.

In this photo, taken at the dinner, are Rector's Circle members from among Concordia faculty and staff, and two non-members.

Standing, left to right, are William Curran, Director of Libraries; David Brown, representing the Sir George Williams alumni association (non-member); Donald Boisvert, Dean of Students; Martin Singer, Dean of Arts and Science; and Robert R. Boivin, Advisor, Concordia University Foundation. Seated are Tamás Zsolnay, Director, University Advancement and Alumni Relations; Frances Shaver, Vice-Dean, Arts and Science; Jane Hackett, Dean of Students (non-member); and Rector Frederick Lowy.

Pay equity talks begin

Talks have begun on the subject of pay equity at Concordia with employee representatives.

Legislation was introduced in 1996 by the Quebec government to address salary gaps due to systemic gender discrimination. It starts from the premise that women are segregated into a narrow range of occupations, in which their work is undervalued.

Under the legislation, institutions could submit existing programs to a government commission that would evaluate their compliance with the principles of law. Concordia submitted its Job Evaluation Program (JEP), and it was accepted.

However, only two collective bargaining units and one employees' association at Concordia are covered by JEP. They are CUSSU (support staff), CUPEU (professionals) and ACUMAE (managers). Under the law, a pay equity program must be created by November 2001 to cover the remaining employees (with the exception of summer students,

interns, certain professional trainees, and senior directors).

The most diverse group of employees in this category includes the library employees, tradesmen, technicians and non-unionized staff. Their representatives make up two-thirds of the central committee, as it is called; the other third is composed of management representatives. Membership of the committee must be at least 50 per cent female.

In order to comply with the law, Concordia must establish a pay equity plan, which it has done, and which the central committee will study and develop; the full-time faculty (CUFA), part-time faculty (CUPFA) and the Continuing Education (CUCEPTU) unions have decided to develop their own plans.

As well, the university must set up a pay equity committee or committees, who will post their work publicly; train committee members, if needed; disclose to them the information necessary to carry out their responsibilities; and make any necessary adjustments in com-

pensation.

The study includes a compensation comparison between a female-predominant job category and a male-predominant job category. A job category is considered predominantly female or predominantly male if there are 60 per cent or more employees of the same sex in that category. When no female predominance is observed, there is no basis for comparison and no comparison work is necessary.

The work of the committee includes the following chronological steps:

- Identification of predominantly female and male job categories
- Description of evaluation tools and procedure to be used to determine the value of job categories
- Determination of the value of job categories and the valuation of differences in compensation
- Information on the required pay adjustments and the amount of adjustments from November 2001 to November 2005

— With thanks to Robert Lacasse, Human Resources and Employee Relations

BENOÎT GOUDREAUÉ-ÉMOND



Benoît Goudreault-Émond

Benoît Goudreault-Émond seriously considered becoming a computer scientist, but he realized that "most computer experts think of the computer as just a black box. I wanted to learn how the whole thing worked."

He entered Concordia's Computer Engineering program, and did so well that he will receive at least three awards at the Engineering and Computer Science convocation ceremony: the Computer Engineering Medal, for which his relevant grade-point average is 4.29, the Chait Medal for top Bachelor of Engineering student (GPA 4.25), and the top award for a graduating student for the whole university, a tie with another student, for which his GPA for all the courses he took is 4.26.

Goudreault-Émond has always been a good student. He attended a private high school in Rosemont, then Collège Maisonneuve, where he was one of the outstanding graduates in the pure and applied sciences program.

He admits that work and study suit his temperament, but he also has some tips for aspiring scholars. "Keep the problem you're working on in mind and don't get distracted by side issues," he advises. "Try to learn as much as possible by yourself, and read a lot, or you'll become obsolete in a few years."

For a while, Goudreault-Émond is going to work full-time at Silanis Technology, a small software company where he has been employed in the summers.

However, he knows he'll go back to school, probably to do a Master's in Business Administration and an advanced technical degree.

- Barbara Black

Three of the best from the Science College

Anesthetizing and dissecting water striders, a kind of spider that "skates" on river banks, and then locating their reproductive organs, is not a typical skill, but it comprised a research project that **Véronique Campbell** did as part of the Science College curriculum — and it helped her to understand concepts of evolution.

One of the attractions of Concordia's Science College is the opportunity students get to do three supervised research projects, of increasing difficulty, while they are still undergraduates. That's what interested Campbell, a Biology major with an Honours in Ecology.

Three research projects later, she is one of two recipients of the Governor-General's Silver Medal, and the winner of this year's Science College medal, awarded to the student with the highest grade point average at the college.

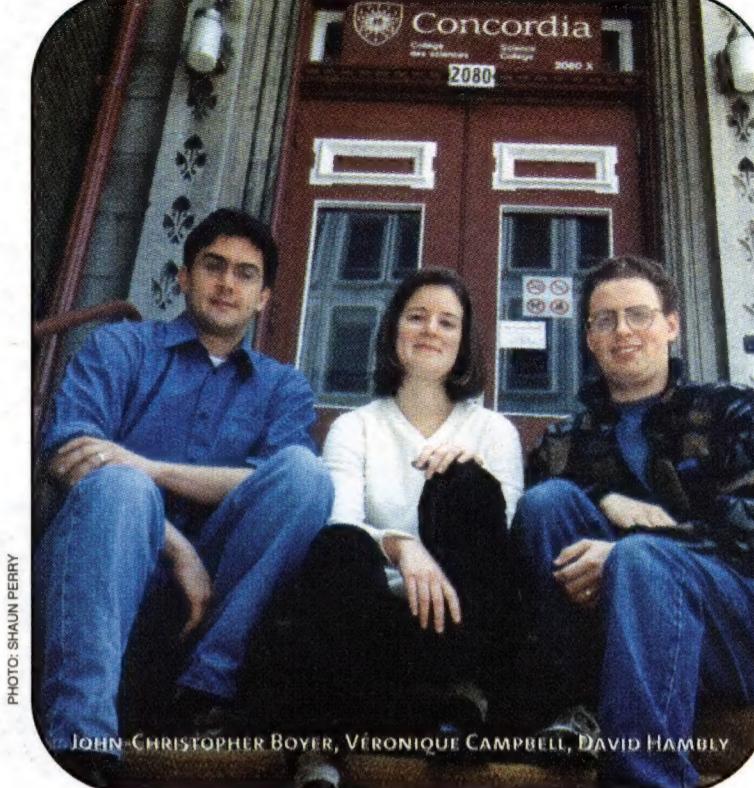
Having attended French-language schools all her life, Campbell came to Concordia, in part, to practise her English — and she was perfectly prepared to do poorly as a result. "For the first month of school, I read my chapters in French and then reread them in English. After about one month I got used [to the English instruction], and it wasn't a problem any more," she said.

Campbell, 25, attributes her academic success to the two years she took off from school to think and travel. Her mother is an education consultant who works in Benin, a small country west of Nigeria, and Campbell visits her often. Together they travelled to several African countries, including Kenya, Gabon, Cameroon, Morocco and South Africa.

While in South Africa, she volunteered for three months with a marine biologist, helping her to study the dwindling mussel population off the coast. When it came time to return to school, the practical experience was invaluable. "After three months with the biologist, I noticed that the same concepts kept coming up in class over and over again, so I was familiar with them," she said.

Her next stop is the University of Alberta, where she will be doing graduate studies on the genetic diversity of Canada's lynx population.

John-Christopher Boyer, 25, tried several courses as an independent student before finally finding a niche in the world of physical chemistry. A few years ago, it wasn't clear what direction Boyer would be heading in. He, too, took some time off after finishing high school and worked for



a few years at his father's clothes-dyeing company in Jamaica. While there, he took some courses.

"I was actually a pretty poor student — I got 4 Ds," he said. "After four years of work, I applied to McGill and, with those grades, I didn't get accepted."

He was eventually accepted as an independent student at Concordia in 1997 and switched to Chemistry shortly after. Now he is graduating in Honours Chemistry with a GPA of 4.00 (4.30 is perfect).

His honours thesis was on laser spectroscopy. He examined the optical properties of glass and crystals that can be used in telecommunications. "I think it's really hard to do an honours project without any previous experience," he said. "The independent research projects [required by the Science College] helped a lot."

Boyer recently received a National Science and Engineering Research Council (NSERC) grant that will allow him to continue studying at Concordia with Professor John Capobianco.

Mixing the theoretical with the practical is how **David Hambly** went about completing his Honours Biochemistry program. In addition to being a member of the Science College, Hambly also participated in the Chemistry/Biochemistry Co-op, which allowed him to do alternate semesters of work and school.

"From the time that I started school until December 1999, I think I took about one week off — and that was for my honeymoon," he said with a laugh. "It was an extremely intense schedule."

Through the Co-op, he has worked for four-month stints at the pharmaceutical companies of Merck-Frosst and Boehringer

Mathematics, conducted her studies while working as a flight attendant for Air Canada, taking her homework to places as far away as Los Angeles and Tel Aviv.

Ng, who came to Concordia in 1997, has worked for Air Canada for five years. She started as a summer temp, but has worked her way up to in-charge flight attendant, flying all over North America, the Caribbean, Europe and the Middle East, all the while pursuing her aim to become an actuary.

"I would go to school during the week and then I would work on my days off from school," Ng said. "I would bring my books with me and read on my layovers — and even on the plane, when it is such a long flight that there is time to read. I used my little breaks for that."

Ng, who also has a BSc in anatomy from McGill, found it easier to reconcile her job with her studies at Concordia. "At McGill they have a stricter class schedule, where you can basically take only day classes," she said. "At Concordia it was a lot easier to plan my schedule. The last semester I took classes from Tuesdays to Thursdays, so I would work Fridays to Mondays."

Asked whether that was not too gruelling, Ng admitted that it "took a lot of getting used to." Although she sometimes would "drag her books around for three or four days without even opening them," most of the time she was able to use her time efficiently.

With her degree in hand, Ng is now preparing to take entrance examinations to become a licensed actuary. "I would like to work for a consulting firm," she said. Still, she is not keen to leave her work as a flight attendant behind. "I'm enjoying Air Canada right now," she said.

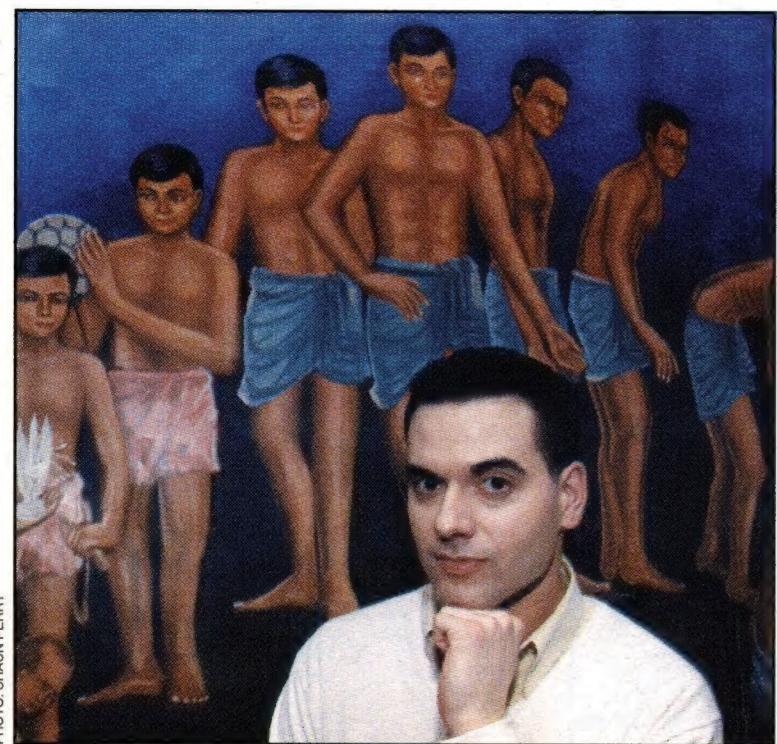
- Frank Kuin

Jennifer Ng

The sky is the limit for Jennifer Ng. The Concordia graduate, who is receiving a Bachelor of Science in Actuarial



JENNIFER NG ON THE JOB AT DORVAL AIRPORT.



Wayne Kennedy: Exploring Khmer culture

For the last two years, Wayne Kennedy has been a frequent visitor to the Khmer Pagoda of Canada, a Buddhist temple in Côte-des-Neiges that serves Montreal's Cambodian community. In the course of research for his Master's thesis in Art Education, Kennedy tried to uncover what significance the temple's colourful paintings and golden statuettes had for its worshippers.

The religion tends to define the culture, said Kennedy, who is seen above with a mural depicting the stages from birth to death. For his thesis, Kennedy interviewed six members of the temple, many of whom had stories of tragedy and courage to tell about their lives under the Khmer Rouge, the Communist regime accused of executing an estimated two million Cambodians.

In the last four years, Kennedy has been involved with various Buddhist communities — Thai, Burmese and Bangladeshi — picking up some Pāli, an ancient regional language, along the way. Kennedy has been accepted to the Ontario Institute for Studies in Education, a division of the University of Toronto, where he will be pursuing a doctoral degree. He hopes one day to be able to travel to Southeast Asia and visit the countries whose cultures he has been studying.

Karen Tam

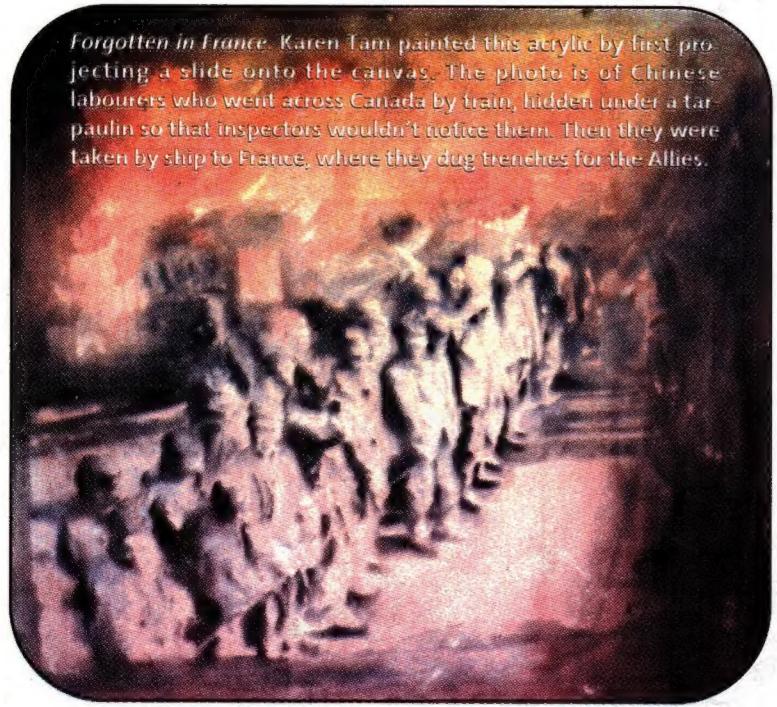
Karen Tam is very attached to her family. In fact, they are the source of her artistic inspiration, and have helped her create a body of work that has gained her entry to one of the world's best art schools, the School of the Art Institute of Chicago.

The family history is poignant,

but it has a happy ending. Karen's great-grandfather came to Canada early in the 20th century, when he was a young man looking for work so that he could send money back to his young family. "A month's salary here was equal to a year's salary in China," she explained.

Because of Canadian government restrictions imposed on Chinese, the so-called Exclusion

Forgotten in France. Karen Tam painted this acrylic by first projecting a slide onto the canvas. The photo is of Chinese labourers who went across Canada by train, hidden under a tarpaulin so that inspectors wouldn't notice them. Then they were taken by ship to France, where they dug trenches for the Allies.



Act, her great-grandfather spent the rest of his life here, and it was only months before he died in 1967 that his family would immigrate to join him.

Tam's art has involved her family in many ways. One of her installations features a painting by Tam of her mother, flanked by two photos of her mother as a young woman mounted on typically Chinese wall dividers, "dividing the past from the present."

Another piece looks like two bookshelves mounted in a corner. Each holds a row of thick pieces of glass inscribed with Chinese characters, poems written by Chinese detainees on Angel Island in California. The light shining through the glass throws shadows of the calligraphy on the wall behind.

Yet another installation looks like a school desk, with a headset, five compact disks, and a set of notebooks. Tam recorded speech by members of her extended family in Toishanese, a rural Chinese dialect. She transcribed it phonetically into English, and then translated it into English.

Toishanese is dying in North America with each succeeding generation. Although she stopped speaking it at home when she decided "it wasn't cool," as she said with a laugh, now she's changing her mind.

While she started at Concordia in painting and drawing, Tam has moved into doing installations. She loves using all sorts of materials in new ways, including the incorporation of sound into her pieces, so in Chicago, she will do her MFA in sculpture.

- Barbara Black

Marie-Claude Lemieux

A year ago, Marie-Claude Lemieux had what most people would deem an enviable career as an up-and-coming lawyer at a prestigious Quebec City law firm, but it was a far cry from her true passion.

"Law is a situation of conflict for most people," she explained. "I've always just wanted to tell human stories."

After five years, she quit, and enrolled in Concordia's Graduate Diploma in Journalism program, choosing the intensive three-term program in print journalism.

Following a frenzied year in which she juggled full-time classes and a part-time job as a researcher for Radio-Canada's Denise Bombardier, Lemieux entered the ruthlessly competitive world of broadcast

journalism.

Weeks of phone calls and two exhaustive interview sessions with CBC Newsland landed her a plum summer position as a chase producer for the highly rated afternoon program *Newsland Today* in Toronto.

She is now expected to research the day's top news, track down the people behind the story, set up interviews with them and draft questions for Ben Chin, the on-air anchor. "It's different from print journalism — it's all about images — but the stories are the same."

She recently found herself in the thick of coverage of the deadly Walkerton, Ont., E. coli outbreak. While on location in the small town, she managed to track down the president of the Canadian firm that is providing an experimental antidote for the fatal bacteria and convinced him to explain how it works on air.

If the summer continues to be a success, she hopes to be offered permanent work at the CBC. That would be just the beginning for the 28-year-old Lemieux, who wants to be a foreign correspondent.

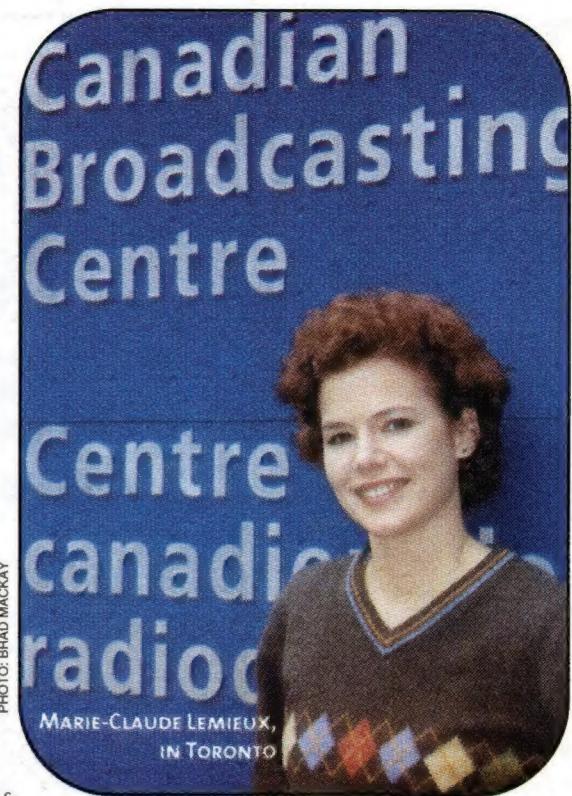
- Brad Mackay

Katherine Bosnitch

Katherine Bosnitch's graduate work is the stuff of coffee-table books. Bosnitch, who is receiving an MFA in Art History, traced the groundbreaking fashion advertising by the Montreal flagship store of Eaton's through the 1950s and 1960s, documenting what she describes as "gorgeous illustrations" in a pioneering style that were printed using cutting-edge colour technology.

Focusing specifically on the work of three artists in advertising campaigns printed in *The Gazette*, Bosnitch painstakingly analyzed the style of Eaton's fashion illustration and its use of colour in all editions of *The Gazette* from 1952 to 1972. Eaton's was "very advanced" in the use of colour, she explained, while *The Gazette* was the first newspaper in Quebec to carry run-of-press colour ads.

"The ads revolutionized the



style of advertising," said Bosnitch, explaining that Montreal illustrators were in the forefront of a move away from Expressionist drawings, toward a new style similar to poster art, such as that of French artist Toulouse-Lautrec at the turn of the century. The full-page ads in *The Gazette*, she added, were "absolutely spectacular."

For Bosnitch, herself a working fashion illustrator, the writing of her thesis is the completion of a mission. She was inspired to go back to university by a working stint in France, where she found commercial fashion illustrators were well respected and organized.

"In North America, commercial art work is rarely looked at from an art historical perspective," Bosnitch explained. "I wanted to write about commercial illustration because it's something that nobody writes about in this country. I wanted to give credibility to illustration, and document our history while the artists and their archival

... please see more Grads, page 8



An example of the type of Eaton's ad that Bosnitch studied.

Great Grads 2000

PHOTO: SHAUN PERRY



SUZANNE BATE

...continued from page 7

materials are still with us."

With her Master's project completed, Bosnitch has "big dreams." Already, she has contributed to a book about the fashion industry that's being put together by the Royal Ontario Museum. In addition, she would like to exhibit or publish the drawings — to spread the message about the work of Canadian illustrators.

Specifically, Bosnitch found that three Montreal artists — art director Jack Parker and illustrators Eugenie Groh and Georgine Strathy — "really did revolutionary work" for commercial advertising. "I would like people to realize that Canadians are accomplished in commercial illustration. We shouldn't always be looking abroad to hear about what everybody else has done."

- Frank Kuin

Suzanne Bate

Suzanne Bate just went on a \$250 shopping spree at Zeller's because nothing in her wardrobe is suitable for the scorching heat of Senegal, to which she will be subjected for the next 10 weeks.

Her wardrobe was filled with black and other dark-coloured clothing, but she needs cotton and other airy fabrics. "You don't want to be attracting mosquitoes with malaria," she said wisely.

Bate, who majored in Anthropology with a minor in Religion, will be working on a community development project as part of an internship offered by Forces Avenir, a non-profit organization that rewards student initiative.

She was approached by representatives of Forces Avenir at a ceremony where Bate, 28, was receiving yet another accolade for her contribution to student life. She applied and was a finalist, but when some of the winners couldn't go on the internship to Africa, she happily agreed to go in their place.

"I dropped my plans, I quit my job and I've been studying

the language," she said. Wolof, the language of the area outside the capital city of Dakar, where she will be working, is spoken very quickly by the natives. "I'll probably get the hang of it when I leave."

Bate has shown a deep interest in alleviating student poverty. Four years ago, she began volunteering at Mother Hubbard's Cupboard by helping to cook the weekly vegan meals served to students for \$1.

"I went there out of need because I was just flat broke. I had a buck fifty to my name. I didn't have anything to eat at home and I was hungry." For the next three years she was the volunteer coordinator of the Campus Ministry outreach program.

She has also volunteered for the Peer Support Program, the Concordia Women's Centre and the Centre for Native Education. Recently she co-founded a national non-profit support organization called Advocacy for Native Adoptees.

Born in Edmonton of Métis parents, she was adopted by a white family from B.C., and felt alienated at various times from both natives and non-natives.

Bate hopes to be accepted for another internship, this one offered by Pacific People Partnership and based in Tahiti. She will probably take a break from her studies for the next couple of years and is contemplating a stint as an English instructor in Japan

to help repay a chunk of the student loan she has accumulated.

- Anna Bratulic

Veronica Promyshlianskaia

When Veronica Promyshlianskaia was awarded the Bank of Montreal Pauline Vanier MBA Fellowship, valued at \$10,000 a year for two years, she decided she would go ahead and get her Canadian citizenship after all. She had her doubts about it, because it was a big move that would symbolically sever her from her past life.

"It made me really very proud of Canada. I was a stranger, like someone from the street, not even a Canadian citizen. All I did was submit an application," she said in a phone interview.

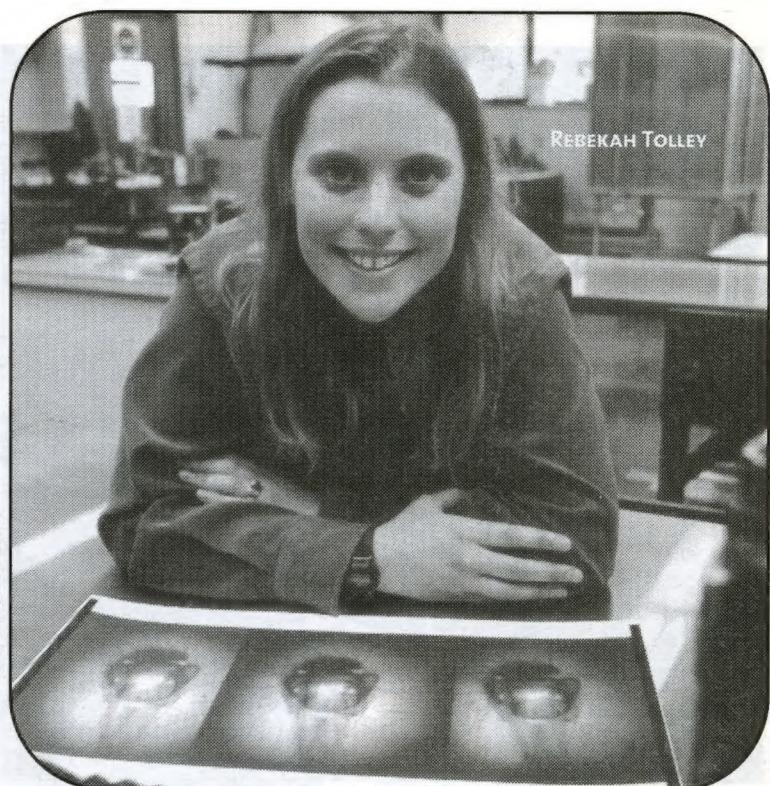
The fellowship, named after the much-loved wife of a late Governor-General, is awarded to a deserving woman who has at least two years of business experience. But Promyshlianskaia, 37, seems to have fallen into the world of business by accident.

Back in Ukraine, Promyshlianskaia earned a degree in mechanical engineering from Kharkov Polytechnical University. She specialized in the dynamics and strengths of machines, a highly theoretical field that dropped in prestige and demand after the fall of the Soviet Union.

"Before that, all our engineering programs [i.e., work opportunities] were sponsored by the state. When the Soviet Union collapsed, it was hard to find work." She was hired to create software for an accounting firm, and her interest in business developed from there.

In 1997, a year after she arrived in Canada, she enrolled as an undergraduate in Accounting at Concordia, but was advised to switch to an MBA program by a professor who noted how she breezed through the courses with near-perfect grades. Eventually she found herself jug-

PHOTO: CHRISTIAN FLEURY



REBEKAH TOLLEY

gling full-time MBA studies with almost-full-time work at a downtown notarial firm, where she now works as a financial officer.

"My whole day was scheduled to the minute," she said. In the end, she added, the combination of practical experience from work with theoretical knowledge from class made her more qualified to do her job. "To study accounting from books [only] can make you lose a little bit of your qualifications, even with good courses. I believe you should practise every day."

As with many immigrants, Promyshlianskaia had to overcome the language barrier. "I couldn't speak English, only read and write a little bit. Nobody [in the former Soviet Union] expected us to communicate with people from the Western world."

Now she looks forward to reading authors like John Galsworthy and James Fenimore Cooper — both very popular in Russia — in the original English.

- Anna Bratulic

Rebekah Tolley

Rebekah Tolley has a passion for trees. For the past seven years, she has spent her summers planting them for lumber companies in Alberta, Ontario and northern Quebec.

The work is laborious. Planters are required to carry heavy loads of seedling on their backs for hours and bend down every few feet to dig a hole for the next tree. "It's really grungy and dirty," she said. In other words, it's perfect for artists.

The experience has given Tolley, a Studio Arts major (Printmaking) with a minor in Creative Writing, a lot to say about the state of Canadian forests and the forest industry.

These ideas often find a voice in her prints.

That's her work on the cover of the winter issue of the cultural magazine *Matrix*.

She superimposed a map on a picture of her back, her spine drawn in the shape of a rotting tree. As a writer/artist, she has made a number of handbound books. Printmaking has become a way for her to combine art and activism, and fortunately, she has been very successful at it.

This year, when she applied to the Master's programs of several American universities, she had no idea how she would pay the characteristically high tuition fees if she were accepted, but a few weeks ago, she was informed that she can continue to study printmaking on a \$17,000 (U.S.) grant at the Tyler School of Art of Temple University in Philadelphia.

It wasn't always clear in what direction she would head. Coming from a family of engineers, Tolley was encouraged to study the sciences, in large part because of the potential employment security it offered, but "when my mother would ask me what I would do, I'd say, 'Mom, I want to do my own art.'"

After finishing high school, Tolley travelled for two years, backpacking through New Zealand, Spain and South America. "It was probably the best thing for me, because you get a chance to mature," she said. And it had another effect. "I wanted to go back and be a student again."

- Anna Bratulic

Muthukumaran Packirisamy

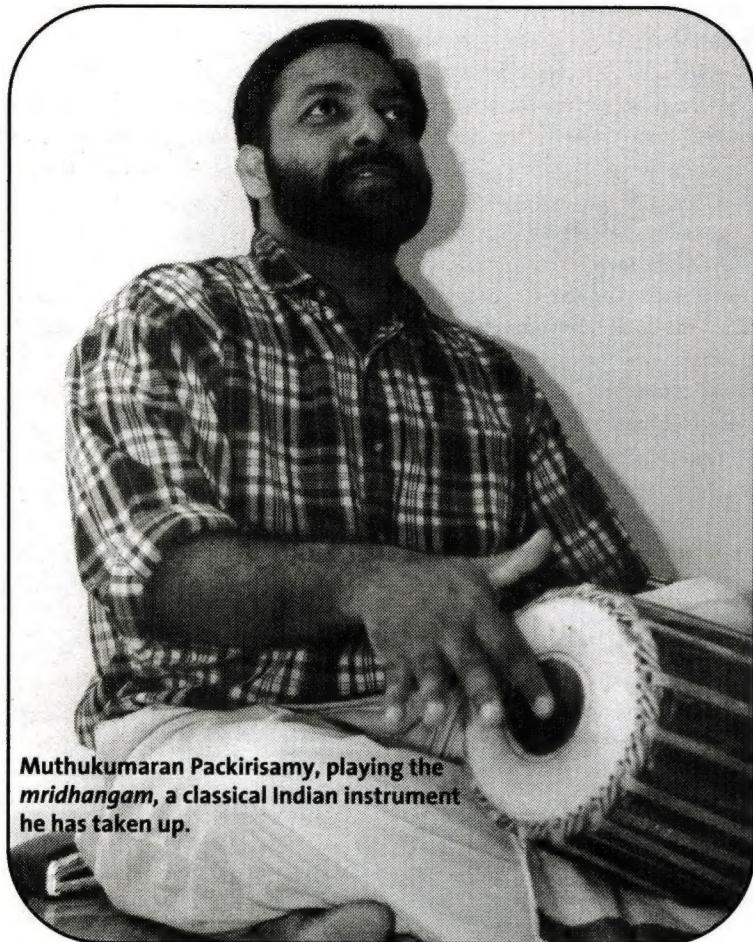
Muthukumaran Packirisamy's doctorate grew out of a fascination with micromachines, those tiny devices the size

PHOTO: CHRISTIAN FLEURY



VERONICA PROMYSHLIANSKAIA

Great Grads 2000



Muthukumaran Packirisamy, playing the mridhangam, a classical Indian instrument he has taken up.

of a human hair that can be made into motors, turbines, sensors, actuators, pumps and rockets.

Thanks to developments in silicon technology, components only micrometres in size can be used to produce reliable, fast, miniaturized machines at low cost. MEMS (micro-electro-mechanical systems) components are being applied in defence, biotechnology, telecommunications, automobiles and many other areas.

"Their ability to collect and process information, compute the course of action and thereby manipulate the environment or a macro system make MEMS the product-differentiating technology for the next century," Packirisamy said. "My PhD research contributed towards understanding and solving some fundamental multi-disciplinary problems associated with the fabrication and vibration of these devices."

The behaviour of macro systems in nature is determined by micro-level mechanisms, whether it is at atomic levels for materials or at the cell level for biological organisms, he explained. The vibration of these microstructures is something like the vibration of musical instruments.

"I proposed a unified concept called *boundary conditioning* in order to study and manipulate the vibration behaviour of both micro and macro systems."

"As the understanding of the physics of these micro systems is not absolutely certain now, the use of mathematical operators that can absorb imprecision of the system is helpful. The fuzzy logic approach is a very powerful

tool to deal with such systems, as it applies approximate reasoning mechanisms on appropriately coded knowledge very similar to that of the human mind."

Packirisamy started his schooling in a small town in India called Kumbakonam, where, he said cheerfully, "I was the topper in all the schools."

He attended Regional Engineering College, Tiruchirapalli, and the Indian Institute of Technology, Madras, where he got his Master's of Science with the highest possible grades in all his courses. He also worked as a research scientist in India for six years.

"It was such a fantastic feeling when I got the offer from Concordia to do a PhD in MEMS along with a graduate fellowship and tuition fee remission award," he said. While he worked on his thesis, Packirisamy designed and installed a microfabrication facility at Concordia, where he was associated with the CONCAVE Centre.

Packirisamy got A grades in all six courses for his PhD program. His supervisors, Professors Rama Bhat and Ion Stiharu, say that his thesis was unique.

"It combined three areas in a very interesting fashion," said Professor Bhat. "He used the West Indian steel pan as an application example for the method that he was developing, and developed an interest in music as a result. He took up playing a classical percussion instrument about a year ago, and continues working on it."

Bhat added, "Muthukumaran set excellent examples for his fellow students. He was a team player, inspiring everyone with

his calm and quiet demeanour. He was full of self-assurance in everything that he did."

Even before he completed his doctorate, Packirisamy was hired by MITEL Technologies, of Ottawa, where he is already hard at work on the research he loves. He expressed his gratitude to Bhat and Stiharu for their support, and added in an interview by e-mail, "I am proud that my research work contributed towards further establishing Concordia as one of the pioneers in the area of MEMS in Canada."

- Barbara Black

Anita Grace

Anita Grace, a Journalism Diploma spring graduate with a BA from the University of Saskatchewan, sent us this dispatch by e-mail from Europe.

La Via Podiensis is over 1,000 years old. Its trails meander through high mountain meadows, steep river valleys and through narrow cobblestone streets. And as it has done for millions of others, it leads me through France and Spain to Santiago de Compostella.

To follow an ancient pilgrimage was an idea inspired by the *Canterbury Tales* and provided for by a travel scholarship from the University of Saskatchewan. Not long after finishing Concordia's Journalism Diploma program, I found myself descending the great steps of Notre Dame du Puy-en-Velay Cathedral, beginning the 1,600-km journey to Compostella.

During the Middle Ages, the roads to this cathedral, built over the tomb of St. James the Apostle, were thronged with pilgrims. Churches, monasteries and hostels sprang up to welcome them. Even the kings of France joined these religious voyages.

Although interest waned after the 16th century, in recent years, pilgrimages to Compostella have been revived. Last year, more than 400,000 people successfully completed a pilgrimage to *campus stellae* — Compostella — the field of stars.

This summer, I am adding my footprints to those along the Chemin de St-Jacques. Each evening I sit at dinner with people from various corners of Europe and the world, and along the trail I meet pilgrims on foot, on bike and even on horseback. Walking an average of 25 km a day, I should reach my destination in two and a half months.

I find myself part of something greater than I ever imagined. Placing my feet where thousands have gone before, I join a journey

based on history and faith, legend and myth.

Liliane Gondo

Liliane Gondo is trading in her burgundy Garnet Key blazer for the scarlet tunic of the Royal Canadian Mounted Police, now that she has her degree in psychology.

The Ivory-Coast-born Montrealer has big plans, but then, anyone who knows her would not expect any less. While studying psychology, Gondo has been involved in every facet of Concordia and community life.

As a member of the Garnet Key, she acted as a student ambassador at university events. With her ultimate goal to join the RCMP in mind, she has been involved with the Concordia Safety Patrol since 1997, first as assistant coordinator, and for the last two years as coordinator.

The Safety Patrol works to raise awareness about safety issues on campus, including providing security for students and offering self-defence courses. "It's reaching out to the community outside of Concordia as well as to the community inside Concordia," Gondo said.

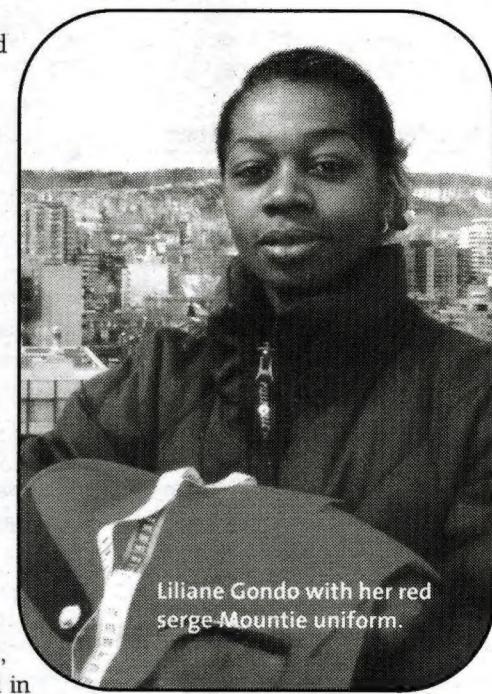
Her extracurricular activities also include coaching girls' basketball at the YMCA and tutoring at the downtown Y and Walkley Family Centre. She plans to combine her academic training with

the skills she has honed in security and serving her community to launch her career as a police officer with Canada's most prestigious force.

"I think definitely I will be applying my psychology degree," she said. "As a police officer, you are dealing with people. You need to understand their background and psychology, for example, to interact with a battered woman or children in a crisis situation."

While she is eager to set off for the RCMP training camp in Regina so she can join the labour force, Gondo has not closed the door on further education. The RCMP encourages its officers to engage in lifelong learning, and considering Gondo's gusto for challenge, she may well pursue a Master's or even a PhD.

- Frank Kuin



Liliane Gondo with her red serge Mountie uniform.

PHOTO: SHAUN PERRY

Convocation awards

- Governor-General's Silver Medal, for the highest-ranking undergraduate: Anne Véronique Campbell and Benoît Goudreault-Émond
- Birks Medal, for Bachelor of Arts: Afton Colby Lewis
- Anne Stokes Medal, for Bachelor of Education: Eric Lamoureux (fall 1999 graduate)
- Mappin Medal, for Bachelor of Science: Anne Véronique Campbell
- Administration Medal: Marianne Sheshko
- Charles E. Frosst Medal, for Bachelor of Commerce: Jean-Michel Langlois
- Chait Medal, for Bachelor of Engineering: Benoît Goudreault-Émond
- Computer Science Medal: Kun Han
- Alfred Pinsky Medal, for Bachelor of Fine Arts: Guy Laramée

Faculty Promotions

Promoted to Full Professor, effective June 1, 2000

Faculty of Arts and Science



Max Barlow Geography

Max Barlow received his undergraduate education in geography at the University of Wales, and his graduate training at Cincinnati and McGill. Before joining Concordia University's Geography Department in 1976, he taught at the State University of New York, McMaster, Saskatchewan, and McGill Universities. He has also held many visiting posts around the world.

Dr. Barlow is a political geographer who specializes in metropolitan government. In addition to numerous articles, he has written two books and co-edited another three that have focused on metropolitan governments in Europe, North America, and Australia. He also serves on the editorial boards of *Geojournal* and *Environment and Planning C: Government and Policy*.

Dr. Barlow served as Chair of the Department of Geography from 1985 to 1991. During his term of office, the Department established a graduate program, the Geography Option, within the MA in Public Policy and Public Administration (MPPPA). He was the program's main author and was heavily involved in its launch in 1990-91. In addition, he edited the *Proceedings of the Northeast-St. Lawrence Valley Geographical Society* from 1986 to 1989.

From 1992-97, Dr. Barlow was Associate Vice-Rector Services (Physical Environment). Since then, he has developed courses for the new BA in the Human Environment. He is the Graduate Program Director of the Geography Option of the MPPPA and will be involved in the new Certificate in Urban Development Studies, which is expected to start in January 2001. He is currently on leave and working on a book project for Kluwer, *Territory and Administration in a Changing World*.



Mariana Frank Physics



Dr. Mariana Frank obtained her PhD in physics from the University of Toronto in 1984. After an NSERC postdoctoral fellowship at Oxford, she won a University Research Fellowship and joined Concordia University in 1986 as Assistant Pro-

fessor. She was promoted to Associate Professor in 1992.

Dr. Frank is a recognized expert in the field of supersymmetry and grand unified theories, which is at the forefront of research in theoretical high energy physics. She is credited with having extensively developed and analyzed a supersymmetric model with mirror symmetry that resolves some of the outstanding questions in the field.

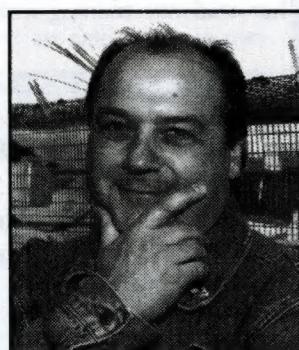
She is the author of more than 40 research papers in international journals, and has active collaborations with other groups in Montreal, as well as in Helsinki, Chicago and Taiwan. Throughout her stay at Concordia University, Dr. Frank has held NSERC and other research grants totalling more than \$300,000.

Dr. Frank is a highly regarded teacher, especially for senior undergraduate and graduate courses in theoretical physics. She has supervised several graduate students and also a number of postdoctoral fellows and research assistants.

Dr. Frank has served as Graduate Program Director from 1995 to 1999, when she was responsible for the complete overhaul of the graduate curriculum. Outside the department, she served on the Arts and Science curriculum committee, represented mathematics and physics on the Commission des Universités sur les Programmes, Sous-Commission pour Mathématique, Physique et Informatique, and is a member of the NSERC, NATO, and Visiting Fellowships selection committees.



Luc-Alain Giraldeau Biology



A native Montrealer, Luc-Alain Giraldeau obtained his BSc (1978), MSc (1981) and PhD (1985) in biology from McGill University. After two years in the Department of Psychology at the University of Toronto, he was awarded an NSERC University Research Fellowship in the Department of Biology at Concordia University. He was appointed Assistant Professor in 1992 and Associate Professor in 1993.

He has been a visiting researcher in the laboratory of Sir John Krebs at the Edward Grey Institute of Ornithology, University of Oxford, and has twice been Professeur Invité at Laboratoire d'éthologie expérimentale et comparée (LÉEC), Université Paris (XIII), France.

Professor Giraldeau is internation-

ally renowned for his theoretical and empirical contributions to our understanding of foraging behaviour and learning in non-domestic animals. His research, funded through NSERC and FCAR, addresses the issues of exploitation and co-operation within social groups, and has led to the publication of a book titled *Social Foraging Theory* (Princeton University Press, 2000).

The author of some 44 articles, he is currently co-editing two textbooks on animal behaviour, one in French and the other in English. He has given over 30 talks around the world.

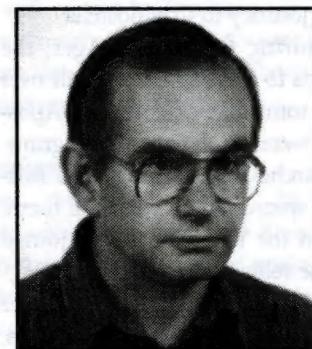
He is one of the editors of the international journal *Animal Behaviour*, and sits on the editorial boards of three other journals. He has sat on an NSERC Grant Selection Committee, and currently represents NSERC on the Canadian Council for Animal Care. He has also been a member of a number of scholarly committees in Quebec.

He is currently Graduate Program Director in Biology, a Fellow of the Science College, and the elected Graduate Program Director representative on the Council of the School of Graduate Studies.

He has developed six undergraduate courses and one graduate course at Concordia. He has trained five postdoctoral fellows, one doctoral student and four Master's students, directed undergraduate research theses of some 16 students, and is currently supervising the research of two doctoral, three Master's students and one Diplôme d'Étude Approfondie stagiaire from France.



Pawel Gora Mathematics and Statistics



Pawel Gora received his PhD in mathematics from Warsaw University in 1981 and was an assistant professor there until 1990. He then joined Concordia University as an assistant professor and was promoted to associate professor in 1993. He received a higher doctorate in mathematics in 1991 from Warsaw University.

Dr. Gora's area of research is dynamical systems and ergodic theory. In particular, his research is in the areas of absolutely continuous invariant measures for piecewise expanding transformations and their properties, Perron-Frobenius operator, complex dynamics, fractals, and fractal image compression. In addition to having had many papers published, he has co-authored a

book titled *Laws of Chaos: Invariant Measures and Dynamical Systems in One Dimension*, which was published in 1997. He has been successful in receiving research grants, and has graduated two doctoral students and 11 graduate students at Concordia.

Dr. Gora serves as the resources coordinator for the department, chairs the computer committee, and is a member of the departmental personnel committee.

He is a member of the American Mathematical Society, the Mathematical Association of America and the Polish Mathematical Society (PTM). He is a reviewer for Mathematical Reviews and the National Science Foundation, and occasionally reviews papers for research journals such as *Fundamenta Mathematica*, *Studia Mathematica*, *Annals of Probability*, *Random and Computational Dynamics*, *Applied Mathematics and Optimization*, *Discrete and Continuous Dynamical Systems*, *Journal of Mathematical Analysis and Applications*, and *Real Analysis Exchange*.



Nina Howe Education



Nina Howe joined the Department of Education (Early Childhood Education) in 1986 after obtaining a PhD in developmental psychology from the University of Waterloo. She holds a BA from York University, an MA from the University of Western Ontario, and she also has an elementary education teaching license from the University of Alberta. She worked in nursery schools, day care centres, and as an elementary school counsellor and a special education teacher prior to obtaining her PhD. In 1996 she became a principal member of the Centre for Research in Human Development.

Dr. Howe's research has primarily focused on co-construction of meaning in the sibling relationship. She also has investigated how the design of the dramatic play centre in the early childhood classroom influences the quality and type of children's play. Finally, Dr. Howe has had a long-standing interest in Canadian child care and related social policy issues.

She has published many papers in journals in both developmental psychology and early childhood education journals. Most recently, she co-edited a book (with L. Prochner) on *Early Childhood Care and Education in Canada* (2000), and has been co-editor of the *Canadian*

Journal of Research in Early Childhood Education for the past six years. She has received generous funding from the SSHRC, and is a member of an FCAR research team that includes members from four universities.

Dr. Howe has been an active teacher, specifically in the Specialization in Early Childhood Education and Elementary Education and the MA in Child Study programs in the Department of Education. She supervises graduate students in the Child Study program and in the Psychology Department. She has also served on a number of department and university committees.



Dorothy Markiewicz Applied Human Sciences



Dorothy Markiewicz obtained her PhD in Psychology from Ohio State University in 1972. After a two-year stint as an assistant professor at Northern Illinois University, she joined Concordia University in 1974 as an Assistant Professor in the Psychology Department. She obtained a joint position with the departments of Psychology and Applied Social Sciences (now Applied Human Sciences) in 1976.

Dr. Markiewicz has taught courses in Interpersonal and Group Dynamics, Adult Development, Counselling, and Abnormal Psychology.

Following the completion of her doctorate in social psychology, Dr. Markiewicz's research focused on issues of interpersonal attribution, gender differences, and personal adjustment. More recently, through her collaborations with Drs. Doyle and Pushkar in the Department of Psychology, she has made significant contributions to research on family factors and the psychological costs of care-giving in the development of children's and adolescents' peer relations.

Dr. Markiewicz is the Acting Chair of the Department of Applied Human Sciences and has been elected as the Acting Graduate Program Director for the MA in Human Systems Intervention for the 2000-2001 academic year. From 1991-97, she served as Associate Dean in the School of Graduate Studies. During this six-year period, she made significant contributions to the PhD in Humanities Program and the Special Individualized Program, of which she was the Graduate Program Director. Her committee work during this time was also instrumental in the promotion of research activities relevant to graduate student training. She

Faculty Promotions

was chair of the former Department of Applied Social Sciences from 1985-88.

Dr. Markiewicz worked on committees in 1977-78 to merge the curricula of Sir George Williams University and Loyola College; she has been involved in major surveys of student satisfaction with Concordia; she was active in the early stages of the creation of the college system in the Faculty of Arts and Science (1978-81); and she has served on numerous appraisal committees.



Sylvia Ruby
Biology



Sylvia Ruby joined Sir George Williams University in 1971 and has been a leading member of the organismal biology and ecotoxicology sectors of the Biology Department throughout her career.

She has a well-deserved reputation as an excellent teacher, and in 1996 was awarded the Concordia University Alumni Award for Excellence in Teaching. She has supervised many Master's and graduate diploma students, and she has been consistently active in undergraduate advising and curriculum development.

Dr. Ruby has also served as Graduate Program Director and Acting Chair in the Department of Biology, Director of the Graduate Diploma in Ecotoxicology, and Vice-Dean, Student Affairs, in the Faculty of Arts and Science. In addition, she has served on numerous university councils, including Arts and Science Faculty Council (12 years), Council of the School of Graduate Studies, University Academic Programs Committee and Senate. On a national level, she served as a member of the Council of the Canadian Society of Zoologists from 1989 to 1992.

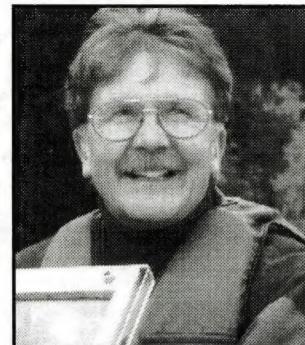
Dr. Ruby has published consistently in the area of reproductive toxicology and risk assessment. Many of her graduate students have become successful professionals in academic and research institutions, government and industry throughout Canada and the U.S. In 1997, one of her students won the Best Student Award at a national meeting for his work.

Her current research centres on a collaborative project with colleagues at INRS-University of Quebec concerning declining amphibian populations.



Randy Swedburg
Applied Human Sciences

Randy Swedburg completed his



doctoral studies at the University of Idaho in 1974, the same year that he joined Concordia University as an Assistant Professor in Bio-Physical Education.

He left Concordia for three years (1976-1979) to work for Corrections Canada as Director of Leisure Services, returning in 1979 at the rank of Associate Professor. He served as Director of the former Leisure Studies Program from 1979-92 and from 1996-98. He is now Chair of the recently formed Department of Applied Human Sciences.

In addition to core curriculum courses, he has offered special seminars and independent study courses, and has supervised internships.

In recent years, his research has focused on the learning traits of older adults. Last year, he was invited to join a team of researchers in the role of lead collaborating investigator for Canada on an international research project titled "Global Aging Initiative: Cross Cultural Aging Well." He has also served as host/presenter for a number of international study groups from around the globe.

Dr. Swedburg has also played a pivotal role in Elderhostel Canada. He has been an active member for the past 17 years and has received the Lifetime Achievement Award from the Quebec Association of Adult Learners.

He was the first Canadian to be president of the American Association for Leisure and Recreation (1999-2000). He is a Fellow in the American Leisure Academy and was recently inducted as a Charter Fellow into the newly formed North American Society for Health Education, Physical Education, Recreation, Sport and Dance.

He is active in many organizations, including the Quebec Association for Learning Disabilities, the Quebec Association of Adult Learners, and the International Federation on Aging.



Francisco Thaine
Mathematics and Statistics

Dr. Thaine completed his doctoral studies at the Instituto de Matematica Pura e Aplicada (IMPA) in Rio de Janeiro, Brazil, in 1979. He did his postdoctoral studies at Queen's University, at the University of Maryland at College Park and at the University of Illinois at Urbana-Champaign.

After working as Associate Professor in the University of Brasilia and as a full professor in the University of Campinas in Brazil, he joined Concordia University in 1991 as an

Associate Professor in the Department of Mathematics and Statistics.

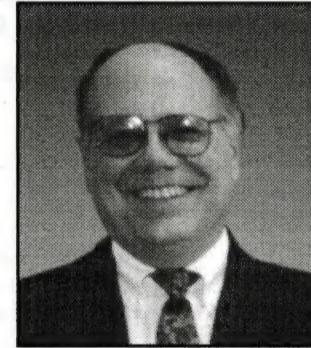
His research is focused on algebraic number theory, where he made contributions that were published in important mathematical journals.

Dr. Thaine received a Guggenheim fellowship in 1989. He has held NSERC grants since his arrival at Concordia. He was a Visiting Member of the Institute for Advanced Study in Princeton, N.J., a Visiting Scientist at McGill University and a Visiting Professor at Concordia University, at the University of Washington in Seattle and at Boston University.

Faculty of Commerce and Administration



Dale Doreen
Decision Sciences and Management Information Systems



Dale Doreen obtained his BSc, MA and PhD in business statistics from the University of Alabama and did post-doctorate studies at the University of Pennsylvania's Wharton School.

As a graduate student, he spent five summers as a student trainee in a variety of European organizations, including Swissair in Zurich, the Economic Institute of the Czechoslovak Academy of Sciences in Prague, and the Central Bank of Malta in Valletta. He joined the Department of Quantitative Methods at Concordia in 1971, and has served as Assistant and Associate Professor, as well as Chair of the Department of Quantitative Methods from 1978 to 1980.

At Concordia, Dr. Doreen has taught courses in statistics, operations research and entrepreneurship. During leaves of absence, he has worked as a systems research analyst at the Wharton School's Busch Research Center, an adjunct professor of Management Science at Drexel University in Philadelphia, and a Visiting Professor of Management at the National University of Singapore.

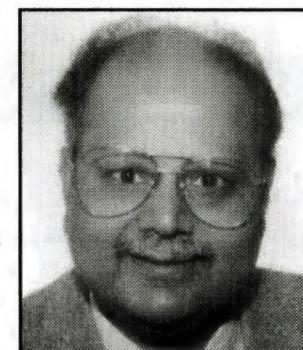
Dr. Doreen has co-authored a chapter for a book titled *Mediterranean Europe and the Common Market*, and written and co-authored a variety of articles and conference presentations.

He has been awarded a number of research grants and has served as Academic Director of the Executive MBA Program from 1986 to 1992. Dr. Doreen is currently serving as the Director of Concordia's International Aviation MBA Program, which is co-sponsored by the International Air Transportation Association (IATA).

Faculty of Engineering and Computer Science



Bipin Desai
Computer Science



Following seven years as a practicing engineer, Dr. Desai became one of the two founding members of the Computer Science Department of Loyola College — the first such department in Quebec — and was responsible for establishing the curriculum. He also played a role in the smooth merger of the two Computer Science departments of Loyola and Sir George Williams University.

Dr. Desai has contributed to research in special-purpose computer architecture, concurrent programming, database performance, heterogeneous database systems, information systems, application of AI and natural-language processing, navigation issues for the Web, and most recently, in virtual library and Web data mining.

He has published more than 50 papers and a popular advanced database textbook. During the early days of the World Wide Web, Dr. Desai was involved, along with Tim Berners-Lee and Robert Caillie (both of CERN, the originators of the World Wide Web) in a number of workshop and plenary sessions.

Dr. Desai founded IDEAS, a series of international symposiums, and is its general chair. IDEAS symposiums have been held at Concordia, and in Cardiff, Wales. He has received grants from the Canadian Workplace Research Centre, Seagram Fund for Academic Innovation, FCAR, NSERC, and the British Council.

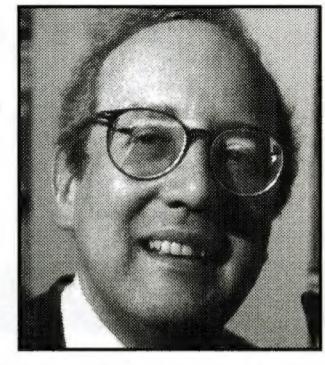
He has taught introductory and advanced courses in programming spanning four generations of programming languages, and was instrumental in the establishment of the Software Engineering program.

Dr. Desai has served on the executive of CUFA and Loyola High School. Dr. Desai has reviewed tenure and promotion applications, articles for conferences and journals, made recommendations on grant applications and given invited talks in Asia, Europe and North America.



C.W. Trueman
Electrical and Computer Engineering

Chris Trueman joined Loyola College in July 1974, just prior to the merger with Sir George Williams



University. He taught in the Electrical Engineering Department while completing his PhD degree at McGill, in 1979.

Dr. Trueman's research applies modern computer methods to solve real-world problems involving electromagnetic fields. He has developed cost-effective methods of suppressing interference from high-voltage power lines on commercial radio stations, and has studied the radar cross-section of ships and aircraft for monitoring traffic on Canada's vast coastlines.

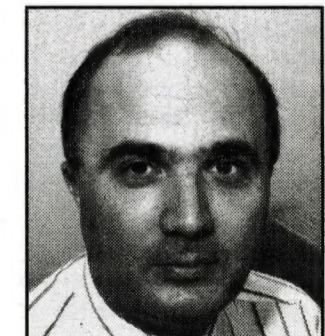
His recent work on the electromagnetic fields of a cellular telephone held against the side of the user's head has been applied to hospital environments to determine where a cell phone can be used without adversely affecting the operation of hospital equipment.

Dr. Trueman is a Senior Member of the Institute for Electrical and Computer Engineering. He holds the appointment of Adjunct Associate Professor at the Royal Military College of Canada in Kingston. He is the representative for Commission E on the Canadian National Committee of the International Union of Radio Science, and is a member of the Ordre des Ingénieurs du Québec.

Dr. Trueman has been actively involved in the development of the curriculum of the ECE Department for over 20 years. He has published articles in the IEEE Transactions on Education and has been the Associate Chair of the ECE Department and the Co-op Program Director since 1996.



Radu Zmeureanu
Building, Civil and Environmental Engineering



Radu Grigore Zmeureanu joined Concordia in 1983 as a research associate in the Centre for Building Studies. He became Assistant Professor in 1987, and Associate Professor in 1990.

His research focuses on the design of energy-efficient and comfortable

... please see Promotions, page 12

the back page

Events, notices and classified ads must reach the Public Relations Department (BC-115) in writing no later than Thursday, 5 p.m. the week prior to the Thursday publication. For more information, please contact Eugenia Xenos at 848-4279, by fax: 848-2814 or by e-mail: ctr@alcor.concordia.ca

June 8 • September

Alumni

Fifth annual Concordia Alumni Night
Enjoy a special evening of tennis at the 2000 du Maurier Open, August 16. Dinner at 5:30 p.m., first match at 6:30 p.m. \$35 plus tax. Order by July 15 by calling Tennis Canada, 273-1515, ext. 245.

Annual Alumni Golf Tournament
At Club de Golf Le Mirage, Monday, August 21. Proceeds go to student scholarships. Info and reservations: 848-3818.

Rhine and Romance
Join fellow alumni on this deluxe 13-day land and river cruise through Paris, Strasbourg, Amsterdam and the Rhine River. Starting at \$4,449. For details, call 848-3818.

Applied Psychology Centre

The Applied Psychology Centre in the Department of Psychology offers confidential psychotherapy and assessment for adults, couples, families, children and teenagers. By appointment only. Call 848-7550.

Art

June 19 - June 24
Critical Distance, paintings by Laurel Smith. Closing reception: June 24, 2

p.m. Bourget Gallery, 1230 de la Montagne. Free. Info: 848-4607.

June 19 - July 3
MFA Painters, works by Concordia MFA students. VAV Gallery, 1392 René-Lévesque W. Free.

Until June 7
Afterimage, Evocations of the Holocaust in Contemporary Canadian Art, curated by Loren Lerner. Jewish Community Campus, lower level, 1 Cummings Square, 10 a.m. - 4 p.m. Info: 345-2605.

CPR classes

Environmental Health and Safety
For information and prices on the following courses, call Donna Fasciano at 848-4355.

Saturday, June 10: Basic Life Support
Sunday, June 18: Baby Heartsaver

Saturday, June 24: Heartsaver English
Saturday, July 1: Basic Life Support
Sunday, July 2: BLS Re-certification

Saturday, July 8: Heartsaver Plus
Sunday, July 9: Baby Heartsaver
Wednesday, July 12: Heartsaver (English)

Wed. & Thurs., July 19 & 20: CSST - First Aid (English)

Thursday, July 27: Heartsaver (English)

Tues. & Wed., August 8 & 9: CSST - First Aid (French)

Tues. & Wed., August 15 & 16: CSST - First Aid (English)

Thursday, August 17: Heartsaver (English)

Saturday, August 19: BLS

Sunday, August 20: Baby Heartsaver

Tuesday, August 22: Heartsaver (French)

Friday, August 25: Heartsaver (English)

Sunday, August 27: Heartsaver Plus

Wed. & Thurs., September 6 & 7: CSST - First Aid (English)

Sunday, September 10: BLS

Concert Hall

Oscar Peterson Concert Hall, 7141 Sherbrooke St. W. 848-7928.

Thursday, June 8, 8 p.m.:

Danielle Pullen, soprano, graduation recital. Free admission.

Friday, June 9, 8 p.m.:

Nouné Karapetian, soprano, and Garo Nicanian, bass-baritone. \$20. Info: 337-0831.

Saturday, June 17, 7 p.m.:

JAM Vocal School Inaugural Annual Recital. \$10 advance, \$15 door.

Legal Information

Concordia's Legal Information Services offers free and confidential legal information and assistance to the Concordia community. By appointment only. Call 848-4960.

Notices

Information session

The Graduate Diploma in Administration and the Graduate Diploma in Sport Administration will hold information sessions from 6 to 7 p.m. at the Faculty of Commerce and Administration, 1550 de Maisonneuve West, Room GM-403-2, on Thursdays, June 8 and June 20. Information: 848-2766, or diadsa@vax2.concordia.ca

Internet conference

Concordians interested in attending NET 2000, a conference organized by CANARIE, Canada's premier Internet development organization, should visit CANARIE's site at www.canarie.ca or the conference registration site at www.net2000.ca. The conference, now in its 14th year, will be held June 27-29, in Ottawa.

Office of Rights and Responsibilities

The Office of Rights and Responsibilities is available to all members of the university community for confidential consultations regarding any type of unacceptable behaviour, including discrimination and personal/sexual harassment, threatening and violent conduct, theft, destruction of property. Call 848-4857, or drop by 2150 Bishop, room 110.

Ombuds Office

The Ombuds Office is available to all members of the university for information, confidential advice and assistance with university-related

problems. Call 848-4964, or drop by 2100 Mackay, room 100.

modem. All in excellent condition. \$1,500. Call Elana at 487-6512.

Apartment to share

7 1/2, with lovely small garden in renovated Victorian house on quiet Waverly St. near Fairmount. Room to rent is in well-lit basement; carpeted, warm, furnished, with cable TV, washer/dryer. \$430, including heat, as of July 1. Non-smoker preferred. Call Heather at 274-4588.

Furnished house for rent

NDG (Monkland Village), one year beginning July 1. Walking distance to shops, bus and metro. Minutes from Loyola Campus. Sunny two-storey brick house: 4 bedrooms, 2 bathrooms, fireplace, appliances, basement and backyard. \$1,200/month unheated. Call 488-2044.

House for rent

In Montreal West (near Loyola Campus). Available July 1 for one year only. Large three-story house. 5 bedrooms, 2 bathrooms, 2 powder rooms, working fireplace, finished basement. Fully furnished and equipped. \$1,800/mo (plus utilities). No smokers. Call 488-3270 or e-mail caplin@music.mcgill.ca

To rent in NDG

Bright, spacious, clean basement to rent in family home, adjacent to Westmount. Easy transportation. Fully carpeted, private shower, kitchenette, fridge, access to laundry room, garden. \$500, all included. References required. Call 489-4931.

Workshops

Mac Lab courses

Info: 848-4628 or <http://fofa.concordia.ca/fofa/maclab/menu.html>

- Intro to Web Site Design (25 hours), \$225. Using Photoshop to optimize images, Gif Builder to create animations, and Dreamweaver as the Web authoring tool, we will cover the basics of how to create a Web site. June 20-22, 27-28, 5 - 10 p.m.

Faculty Promotions

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buildings, the computer simulation of thermal performance of buildings and HVAC systems, the evaluation of energy performance of existing buildings, and the impact of building design on thermal comfort.

He has successfully combined academic research with research and consulting contracts for national and international organizations.

Dr. Zmeureanu has published more than 30 journal papers and over 70 conference papers, and co-authored an English-French dictionary related to energy efficiency.

He is a member of the Ordre des Ingénieurs du Québec, the American Society of Heating, Refrigerating and Airconditioning Engineers (ASHRAE), the International Building Performance Simulation Association (IBPSA), and the Association québécoise pour la maîtrise de l'énergie (AQME).

Dr. Zmeureanu has been a member of the board of governors of the Montreal Metropolitain Energy Forum, ASHRAE Montreal and AQME, and editor for 12 years of a bilingual professional journal in Montreal.

He has served as Undergraduate Program Coordinator, and member of several councils and committees.

Faculty of Fine Arts



Andrew Dutkewych
Studio Arts



Associated with the Faculty of Fine Arts since 1984, Andrew Dutkewych is a professional artist, one of the important Canadian sculptors of his generation.

He received a post-graduate diploma from the Slade School of Fine Arts, University College, in London, England, and obtained his Bachelor of Fine Arts at the Philadelphia Col-

lege of Art, in Pennsylvania, in 1966.

He has exhibited in the most prestigious and recognized galleries nationally and internationally, and has received several commissions that are housed in public buildings in Quebec under the program L'intégration des arts à l'architecture, Ministère de la culture et des communications. His works may be seen at the Museum of Fine Arts in Montreal, the Musée d'art contemporain de Montréal, the Musée du Québec and other institutional and private collections.

He has been the recipient of several research grants from the Canada Council and the Conseil des arts du Québec since his tenure with the Faculty. He has made significant contributions to the sculpture curriculum, and has been instrumental in shaping the way in which sculpture is taught here at Concordia.

Andrea Weltz-Fairchild
Art Education

Andrea Weltz-Fairchild has been in the Department of Art Education at Concordia University for approximately 20 years, beginning as a



part-time lecturer, then becoming a full-time faculty member in 1989.

She has fulfilled the requirements of superior research, scholarly achievement, and creative professional work over a sustained period of time. An active researcher in the area of museum studies, she has received national and international recognition, delivering scholarly papers at conferences in the United Kingdom, in India, Ecuador, the United States and Canada on the topic of museum learning.

The results of her research have been published in journals and as chapters of books on museum education. She belongs to a division of the International Committee on Museums

(of UNESCO), to a Special-Interest Group on Education and Museums that is in the Learned, and to an inter-university research group with Université de Montréal.

Dr. Fairchild's research has received impressive funding, both external and internal. She has been a member of a research group since 1991 that has received funding from SSHRC and FCAR in excess of \$500,000. She has also been a member of a research group investigating the integration of new technologies in a visual arts curriculum that has received a FCAR grant of \$150,000. Personal grants have been awarded to her from SSHRC, the France-Canada Accord, FRDP and CASA.

She has been Chair of the Department of Art Education and Director of the Diploma in Art Education, and is currently Associate Dean, Academic and Student Affairs.

She received three Bachelor's degrees, from Sir George Williams University, St. Joseph Teacher College, and Concordia University, and continued at Concordia University and Université du Québec à Montréal to obtain her Master's and PhD.